

Volume One

Math Therapy

Essential mathematical pleasures with NUMBER OPERATIONS

... for parents, teachers and students

$$2 + 2 = \dots$$



Table of Contents

Math therapy	1
Thinking harder	2
The math aesthetic	3
Personal procedures	4
Calculators	5
Using this book	6
Mental math	7
Addition	8
Partitioning	9
Bridging	10
Compensating	11
Reordering	12
Expanded notation	13
Miscellaneous methods	16
Subtraction	17
Partitioning	18
Compensating	19
Reordering	20
Combining	21
Expanded notation	22
Multiplication	25
Partitioning	26
Compensating	27
Reordering	28
Factoring	29
Doubling/halving	30
Division	31
Partitioning	32
Compensating	33
Factoring	34
Reducing	35
Estimating	36
References	37